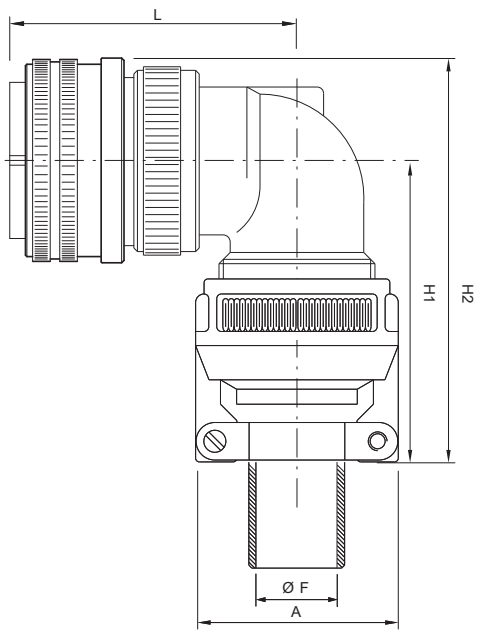
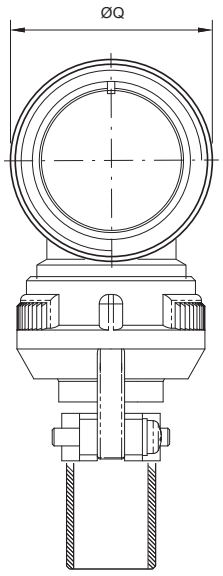
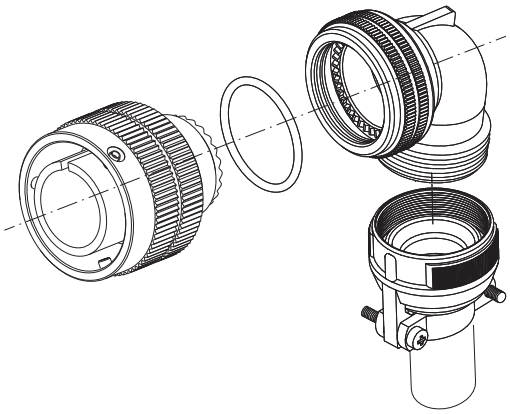
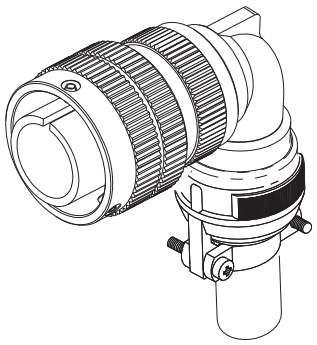








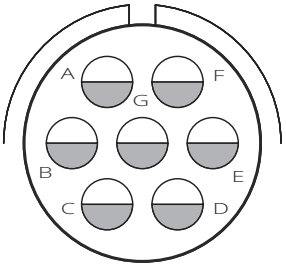
Shell size	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF max cable dimension
10SL	23.3	45.5	51	62.7	23	5.6
14S	29.5	45.5	51	65.3	26	7.9
16S	**33**	**47**	**54**	**69.9**	**28.5**	**11.1**
16	33	56.5	54	69.9	28.5	11.1
18	37	57.5	58.5	75.6	32	11.1
20	41	60	59.5	78.2	37.5	13.7
22	43	62.5	61.5	81.8	37.5	13.7
24	48	65.5	71.5	93.3	43.5	19
28	53	65.5	73.5	98.5	43.5	19
32	60	70	84	112.1	54	23.8
36	66.2	73.5	91.5	122.8	58	28.5
40	72.4	78.5	98	132.6	63.5	31.8

Dimensions in mm

Dimension "L" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

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Inserts



Arrangement	16S-1
Gender	Socket
No. of contacts	7
Contacts size	N° 7 x #16S (22A Max)
Service Rating	A (700Vdc - 500Vac)
Rotation	N (0°)

Contacts P/N	Qty	Size	Termination	mm² section	AWG section	Stripping length mm	Manual crimp tool	Crimp Die / Locator	Insertion tool	Removal tool	Guide pin
ST385 16SS	7	16S	solder	-	18÷16	5,5	-	-	-	-	-

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Code details

Insert material	_	Chloroprene rubber
Series	CVB	Bayonet connector
Shell material	_	Aluminum alloy
Shell Type	08	Plug connector, with 90° elbow and coupling nut
Connector Class	ACB	Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A (for jacketed cable)
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	16S-1	Arrangement 16S-1
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details:	_	-
Contacts termination	_	Solder
Contacts plating	_	Silver 3.5µ min
Shell Finish	F4	CCF green (conductive)
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Bayonet connector
Plug connector, with 90° elbow and coupling nut

Reference Documents:
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529

General features:
Arrangement: 16S-1; Socket; the insert is supplied with rotation: N (0°)
Contact: n.7 size 16S; Solder

Operating Temperature: -55 ÷ +125°C
IP Protection degree according EN60529: IP67
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A (for jacketed cable)

Electrical specifications:
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 Vac

Current Rating, single contact:
- maximum current: 22A (#16S) with ambient temperature 20°C
- rated current: 13A (#16S) with ambient temperature 80°C

COMPONENTS	MATERIALS	PLATING / FINISHES
Shells	Aluminum alloy	CCF green (conductive)
Insulating	Chloroprene rubber	-
Contacts	Copper alloy	Silver 3.5µ min
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
P/N	**Description**	**Quantity**
-	-	-
-	-	-
-	-	-

PACKAGING		
Quantity	**Type**	**Weight**
1	Plastic Bags	-
-	Carton Box	-

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